

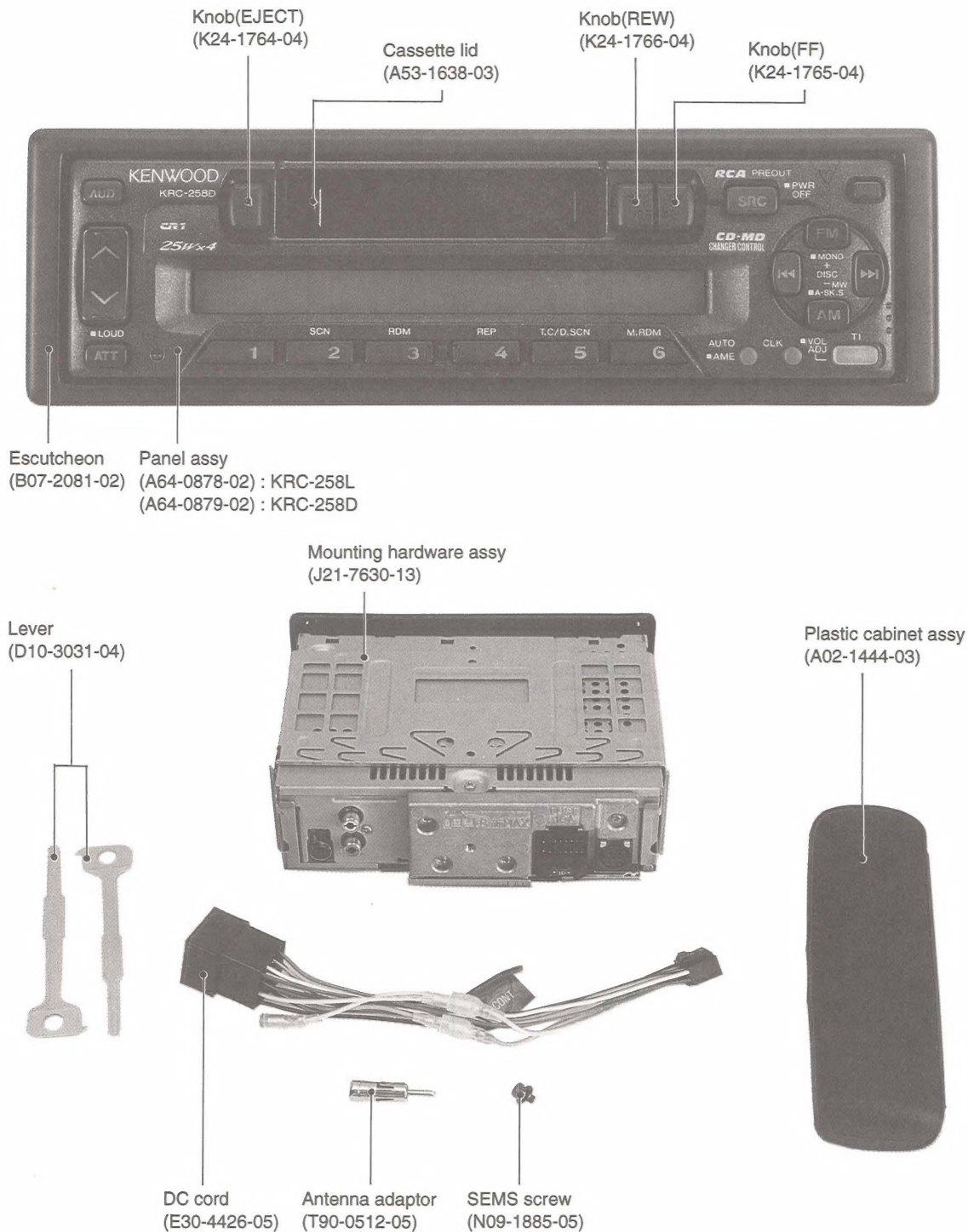
# KRC-258L/D

## SERVICE MANUAL

KENWOOD

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B51-7085-00 (S) 2281

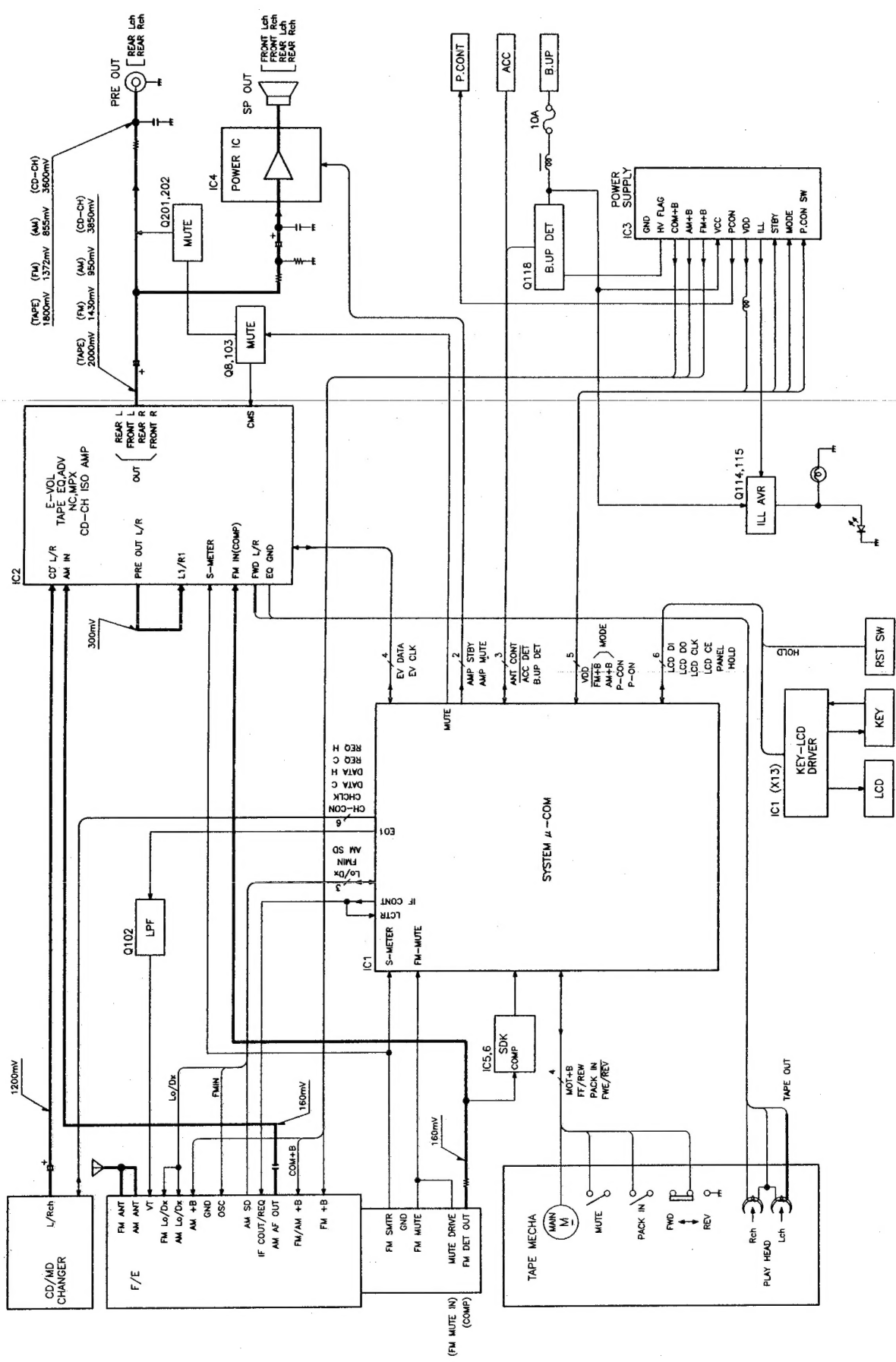
### Photo is KRC-258D



DC cord for service : E30-4335-05

# KRC-258L/D

## BLOCK DIAGRAM



## CIRCUIT DESCRIPTION

Microprocessor : LC72358N-9288(IC1, X14- )

## Terminal description

No.	Pin Name	I/O	Function	Description	In HOLD mode
1	XIN				
2	TEST2				
3	SI0/PG3	O	EV-CLK	Electronic volume control - Clock line.	L
4	SO0/PG2	O	EV-DATA	Electronic volume control - Data line.	L
5	SCK0/PG1	O	FM+B	FM power control.	L
6	PG0	O	AM+B	AM power control.	L
7	SI1/PF3	I	CH-DATAC	Changer data input.	L
8	SO1/PF2	O	CH-DATAH	Changer data output.	L
9	SCK1/PF1	I	CH-CLK	Changer clock input.	L
10	PF0	O	CH-REQH	Changer request output.	L
11	SI2/PE3	O	CH-CON	Changer control.	L
12	SO2/PE2	I	CH-REQC	Changer request input.	L
13	SCK2/PE1	I	FF/REW	Tape - FF/REW detection. "L" = FF/REW.	
14	PE0	I	TAPE in	Tape - Tape input. "L" = Tape mode.	
15	PD3	O	AMP STBY	Standby output to power amplifier.	L
16	PD2	O	AMP MUTE	Power amp muting output. "H" = Muting. H in 15 sec.	L
17	PD1	O	MUTE	Audio muting output. "L" = Muting. H in 15 sec.	L
18	PD0	O	ANT-CONT	Tuner antenna control. "H" = Tuner mode.	L
19	PC3	O	PCON	Power control "H" = ON.	L
20	PC2	O			L
21	PC1	O			L
22	PC0	O	MOTOR	Tape motor ON output "H" = ON.	L
23	PB3	O			
24	PB2	O			L
25	PB1	O			L
26	PB0	O	DSI	DSI "H" = ON.	L
27	PA3	I	SEL3	Destination type selection terminal. With pull - down resistor.	L
28	PA2	I	SEL2	Destination type selection terminal. With pull - down resistor.	L
29	PA1	I	SEL1	Destination type selection terminal. With pull - down resistor.	L
30	PA0	I	SEL0	Destination type selection terminal. With pull - down resistor.	L
31	Vdd	I	Vdd		
32	PQ0	I	LCD-DI	LCD driver - Data input.	L
33	PP3	O	LCD-DO	LCD driver - Data output.	L
34	PP2	O	LCD-CLK	LCD driver - Clock output.	L
35	PP1	O	LCD-CE	LCD driver - Chip Enable output.	L
36	PP0	O	LCD-RST	LCD driver - Reset output	L
37	PO3	O			L
38	PO2	O			L
39	PO1	O			L
40	PO0	O			L
41	PN3	O			L
42	PN2	O			L
43	PN1	O			L
44	PN0/BEEP	O	BEEP	Beep output (2.08 kHz).	L
45	PM3	I	PANEL	Panel detection. "L" = Panel detected.	
46	PM2	I	SK	SK input. "H" = ON.	
47	PM1	I	DK	DK input. "H" = ON.	
48	PM0	I	FWD/ REV	Tape - FWD/ REV input. "H" = FWD.	
49	PL3	O			L
50	PL2	O	LOCAL	Tuner - Local output. "H" = During seek.	L
51	PL1	O			L
52	PL0	O	EQMUTE	Tape - EQ muting output.	L
53	PK3	O			L
54	PK2	I	AM-SD	AM band - SD detection. "H" = Station detected.	

## CIRCUIT DESCRIPTION

No.	Pin Name	I/O	Function	Description	In HOLD mode
55	PK1/INT1	I	<u>SURGE</u>	Surge detection.	
56	PK0/INT0	O	<u>SW+B</u>	SW power control	L
57	PJ3	O	<u>IF CONT</u>	Tuner - IF counter ON output. "L" = ON.	OPEN
58	PJ2	O	<u>PON</u>	Power ON. "L" = ON. "H" in 1.15 sec.	
59	PJ1	O	<u>ILLMI-ON</u>	Illumination ON. "OPEN" = ON.	OPEN
60	PJ0	O	<u>CRSC OFF</u>	CRSC ON/OFF. "L" = OFF.	OPEN
61	PI1/ADI5	I			L
62	PI0/ADI4	I	FM MUTE	"L" = when a station is detected in FM band. Vth = 1.2V	
63	PH3/ADI3	I	<u>ACC</u>	Acc detection. "H" = ON.	
64	PH2/ADI2	I	<u>BUCK UP</u>	Back-up detection. "L" = Power down. Recovery with $\uparrow$	
65	PH1/ADI1	I			
66	PH0/ADI0	I	<u>S Meter</u>	FM band station detection. "H" = Station detected.	
67	HOLD	I	<u>HOLD</u>	Hold detection. "L" = Hold.	
68	SNS	I	<u>SNS</u>	Power down detection.	
69	LCTR	I	<u>LCTR</u>	IF counter input.	
70	HCTR		<u>HCTR</u>		
71	EO3	I	<u>EO3</u>	Phase detector error output. "OPEN".	
72	SUB PD		<u>Vss</u>	Connected to GND.	
73	Vdd		<u>Vdd</u>		
74	AM in	I		VCO input.	
75	FM in			VCO input.	
76	Vss				
77	EO2			Phase detector error output. "OPEN"	
78	EO1			Phase detector error output.	
79	TEST1				
80	XOUT				

	<u>FM+B</u>	<u>AM+B</u>	<u>SW+B</u>	<u>EQMUTE</u>
Tape Mode	H	L	L	L
FM Mode	L	L	L	H
AM Mode	H	H	H	H
SW Mode	H	H	L	H
CD-CH Mode	H	L	L	H
Tape FF/REW	H	L	L	H
T-Call FM	L	L	L	H
T-Call AM	H	H	H	H
T-Call SW	H	H	L	H
Power off	L	L	L	L



# KRC-258L/D

## ADJUSTMENT

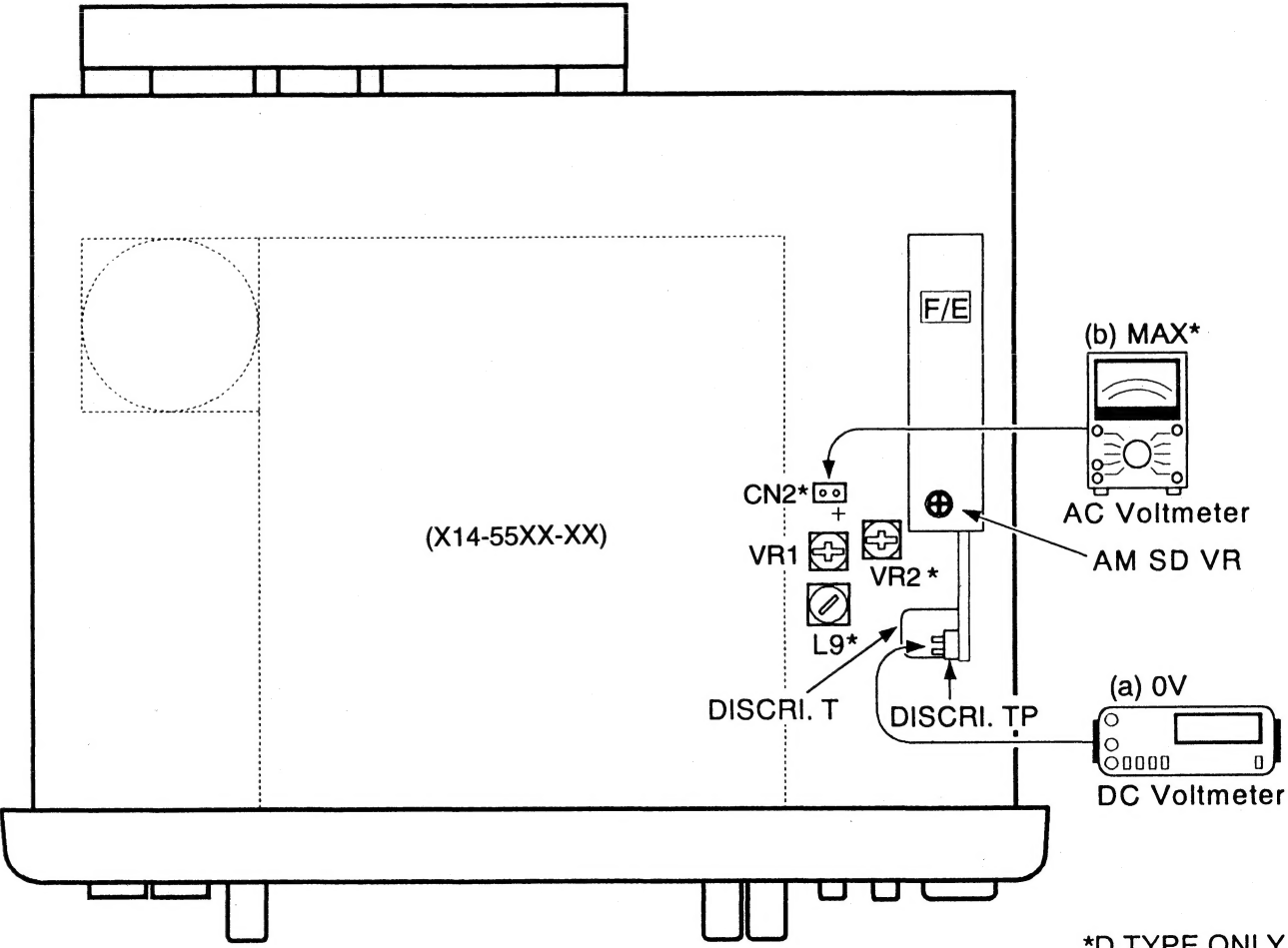
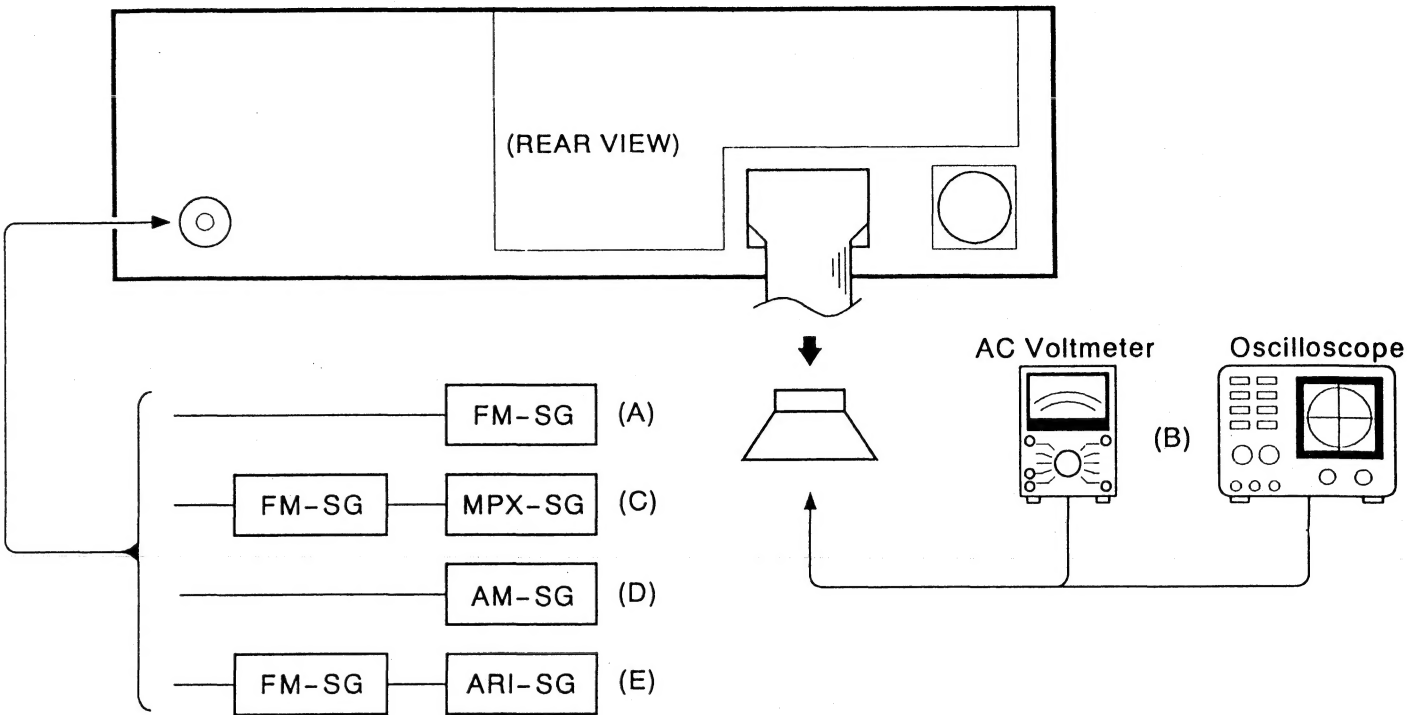
No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER (RECEIVER)	ALIGNMENT POINTS	ALIGN FOR	FIG.
<b>FM SECTION</b>							
1	DISCRI-MINATOR	(A) 98.1 MHz 0 dev 60 dBμ (ANT input)	Connect a DC voltmeter to TP(F/E)	FM 98.1 MHz	T (F/E)	0 V	(a)
2	ANRC	(C) 98.1 MHz 1 kHz, ±40 kHz dev Pilot: ±6.0 kHz dev Selector: L or R 35 dBμ (ANT input)	(B)	FM 98.1 MHz	VR1	Separation 10 dB	
<b>SDK SECTION (D TYPE ONLY)</b>							
3	DK LEVEL	(E) 98.1 MHz 0 mod SK 5.33% DK 30% BK 60% 60 dBμ (ANT input)	Connect an AC voltmeter to CN2	FM 98.1 MHz	VR2 L9	Maximum	(b)
<b>AM SECTION</b>							
(1)	STOP LEVEL	(D) 990 kHz 0 mod 35 dBμ (ANT input)	—	AM 990 kHz	VR (F/E)	STOP	
<b>CASSETTE DECK SECTION</b>							
(1)	AZIMUTH	MTT-114 10 kHz	(B)	TAPE PLAY	Head Azimuth Screw	Adjust the azimuth for each L ch / R ch or FWD / RVS becomes maximum	

## ABGLEICH

NR	GEGENSTAND	EINGANGS EINSTELLUNG	AUSGANGS EINSTELLUNG	TUNER (RECEIVER)	ABGLEICH PUNKTE	ABGLEICHEN FÜR	ABB.
<b>UKW-ABTEILUNG</b>							
1	DISKRI-MINATOR	(A) 98.1 MHz 0 Hub 60 dBμ (ANT-Eingang)	Ein Gleichstrom-Voltmeter an TP(F/E) anschließen.	FM 98.1 MHz	T (F/E)	0 V	(a)
2	ANRC	(C) 98.1 MHz 1 kHz, ±40 kHz Hub Pilot: ±6.0 kHz Hub Wahler: L or R 35 dBμ (ANT-Eingang)	(B)	FM 98.1 MHz	VR1	Trennung 10 dB	
<b>SDK-ABTEILUNG</b>							
3	DK PEGEL	(E) 98.1 MHz 0 mod SK 5.33% DK 30% BK 60% 60 dBμ (ANT-Eingang)	Ein Wechselstrom-Voltmeter an CN2 anschließen.	FM 98.1 MHz	VR2 L9	Maximale	(b)
<b>MW-ABTEILUNG</b>							
(1)	HALT PEGEL	(D) 990 kHz 0 mod 35 dBμ (ANT-Eingang)	—	MW 990 kHz	VR (F/E)	HALT	
<b>CASSETTE DECK SECTION</b>							
(1)	AZIMUTH	MTT-114 10 kHz	(B)	Bandwieder-gabe	Kopfazimutschraube	So einstellen, daß das Azimuth für jeweils L-CH/R-CH oder FWD/RVS maximal wird.	

# KRC-258L/D

## ADJUSTMENT

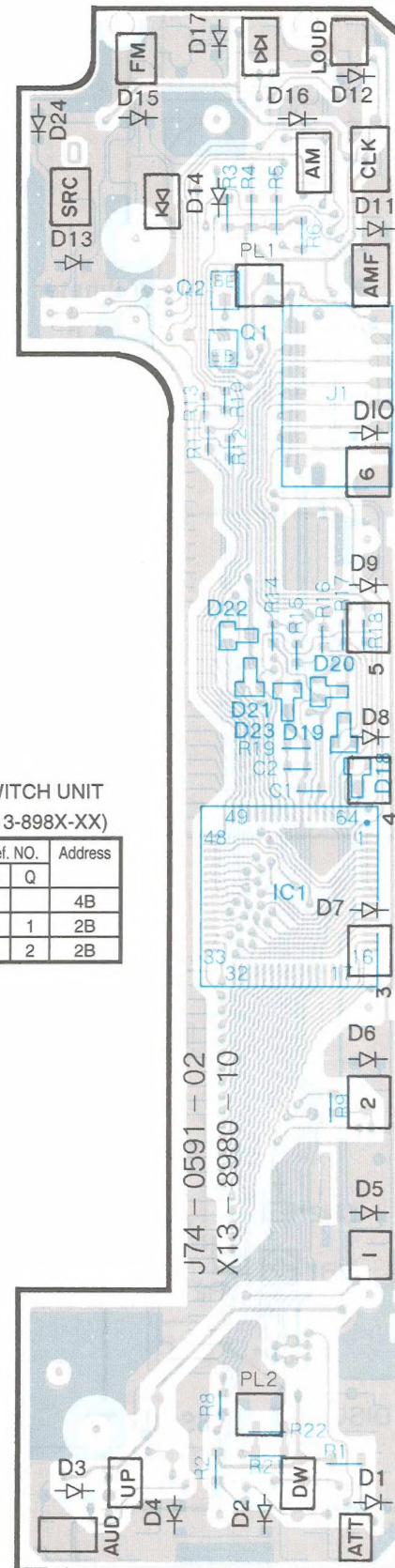


\*D TYPE ONLY



## 7

Refer to the schematic diagram for the values of resistors and capacitors.

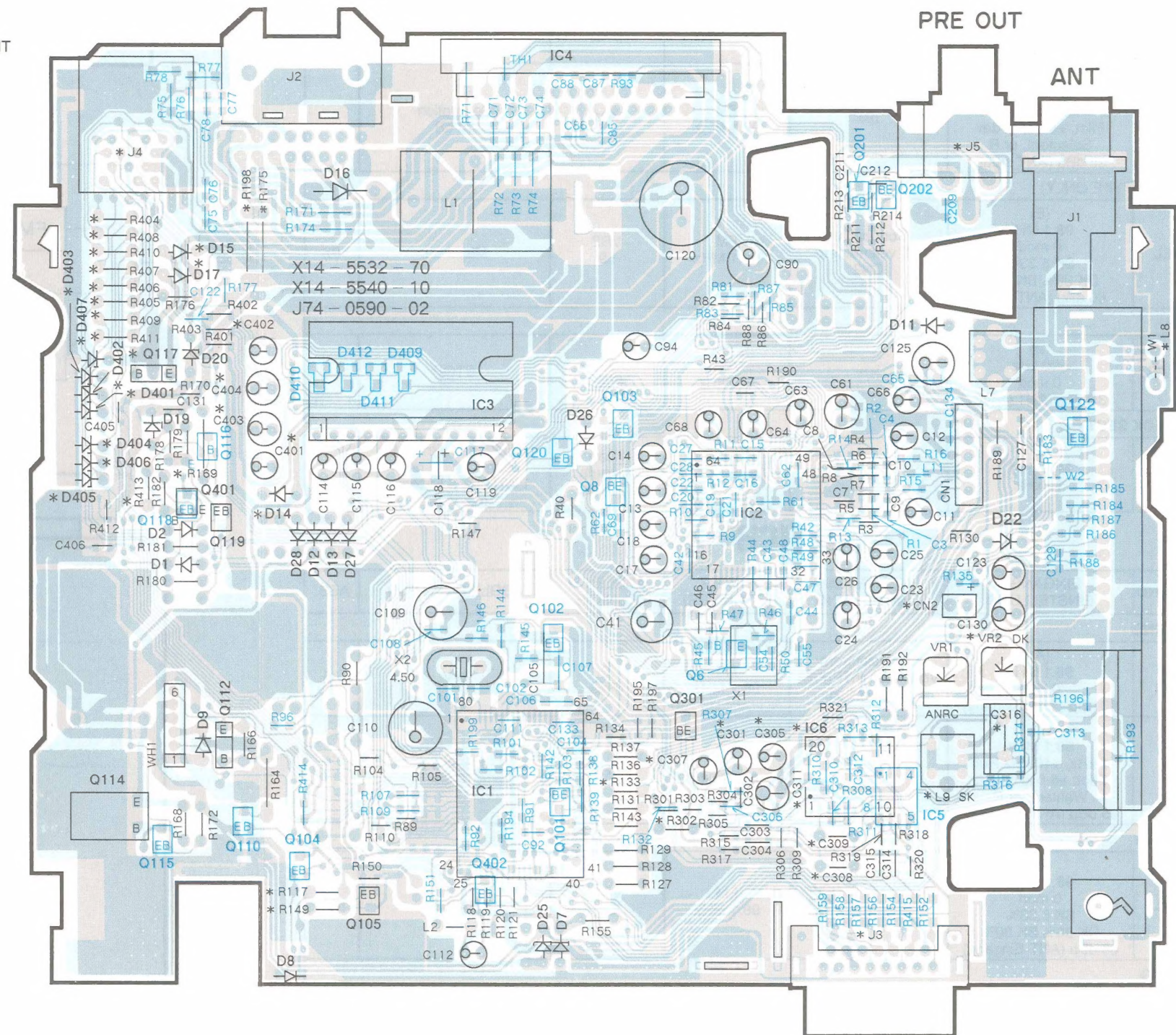


**SYNTHESIZER UNIT (X14-5532-7X)**

DC IN / SP OUT

SYNTHESIZER UNIT

(X14-5532-7X)		
Ref. NO.		Address
IC	Q	
1		5F
2		4G
3		3F
4		2F
5		5H
6		5H
	6	5G
	8	4G
	101	5F
	102	4F
	103	3G
	104	5E
	105	6F
	110	5E
	112	5E
	114	5D
	115	5E
	116	4E
	117	3E
	118	4E
	119	4E
	120	4F
	122	3I
	201	2H
	202	2H
	301	5G
	401	4E
	402	6F

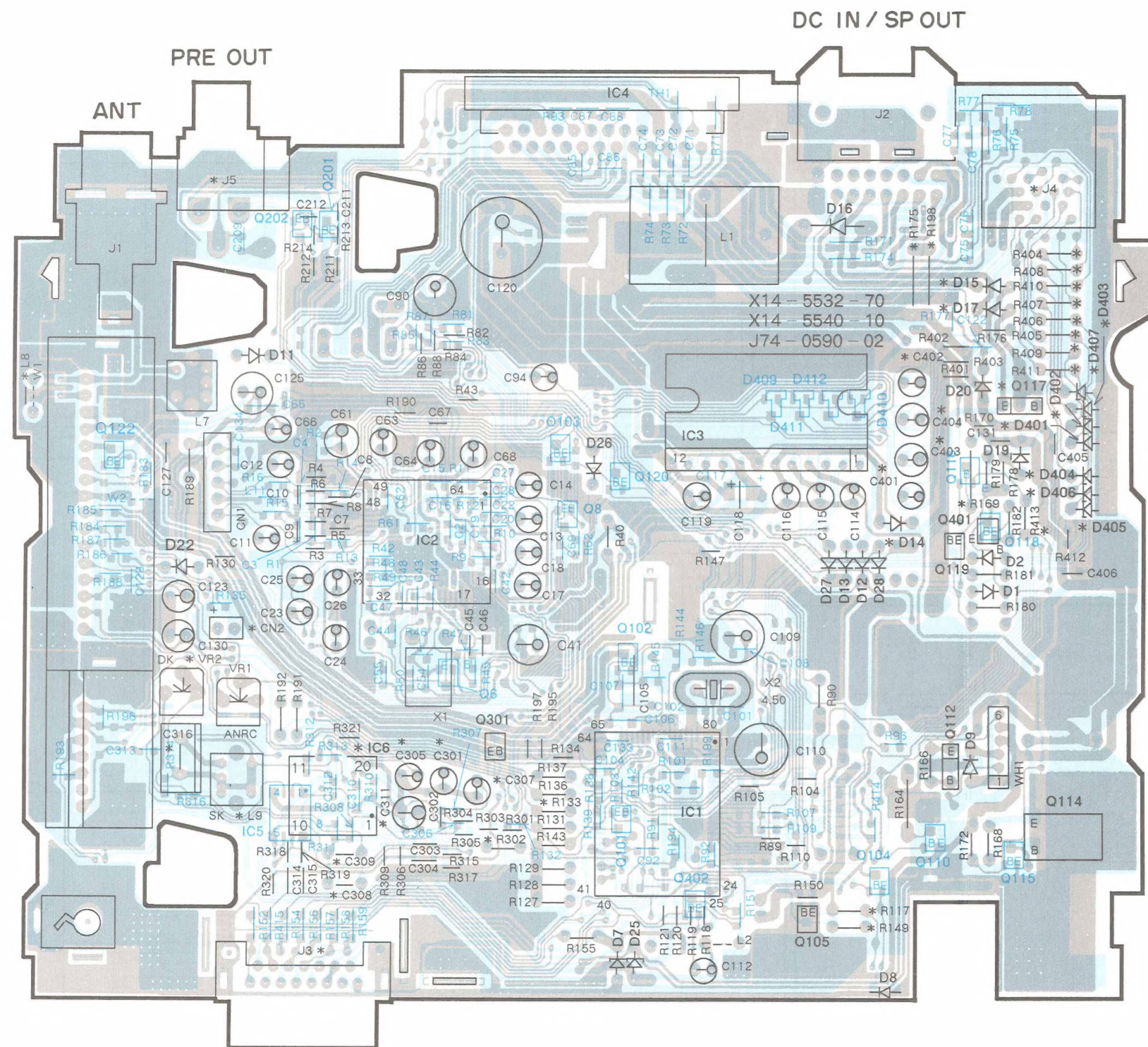


Refer to the schematic diagram for the values of resistors and capacitors.

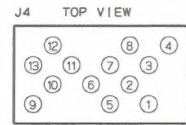


# PC BOARD (Foil side view)

## SYNTHESIZER UNIT (X14-5532-7X)

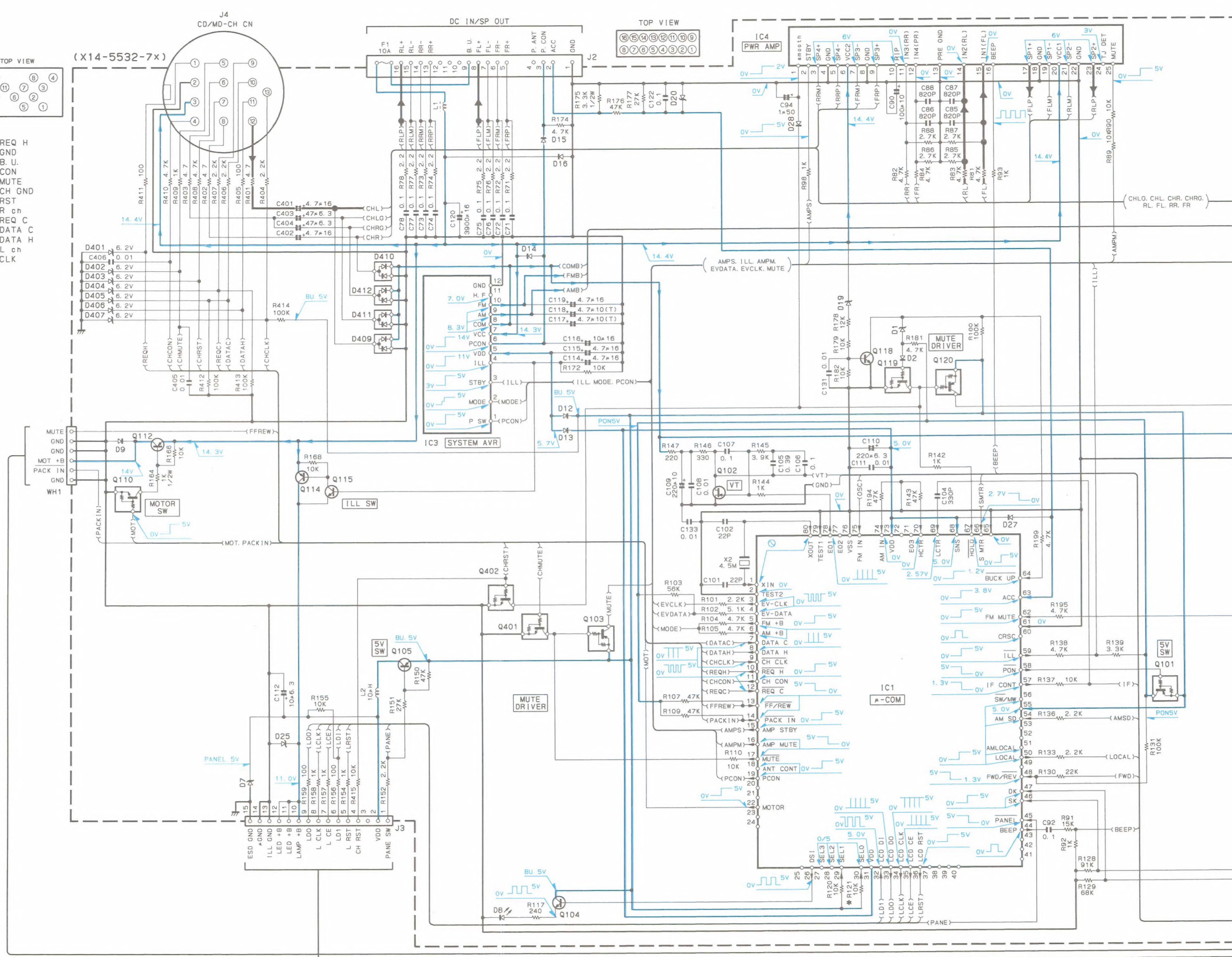






- 1 REQ H
- 2 GND
- 3 B. U.
- 4 CON
- 5 MUTE
- 6 CH GND
- 7 RST
- 8 R ch
- 9 REQ C
- 10 DATA C
- 11 DATA H
- 12 L ch
- 13 CLK

(X14-5532-7x)



(CHLG, CHL, CHR, CHR, RL, FL, RR, FR)

(AMP)

(AMP, ILL, AMP, EVDATA, EVCLK, MUTE)

IC1 u-COM

IC3 SYSTEM AVR

IC4 PWR AMP

MUTE DRIVER

Q118 Q119 Q120

Q401 Q402

Q105

Q104

PANEL 5V

ILL SW

MOTOR SW

MUTE

GND

MOT +B

PACK IN

GND

WH1

(PACK IN)

(MOT)

(MOT, PACK IN)

(FFREW)

(CHCON)

(CHMUTE)

(REQH)

(REQC)

(DATAH)

(DATA C)

(CHCLK)

(CHLG)

(CHRG)

(CHL)

(CHL)

(CHL)

(CHL)

(CHL)

(CHL)

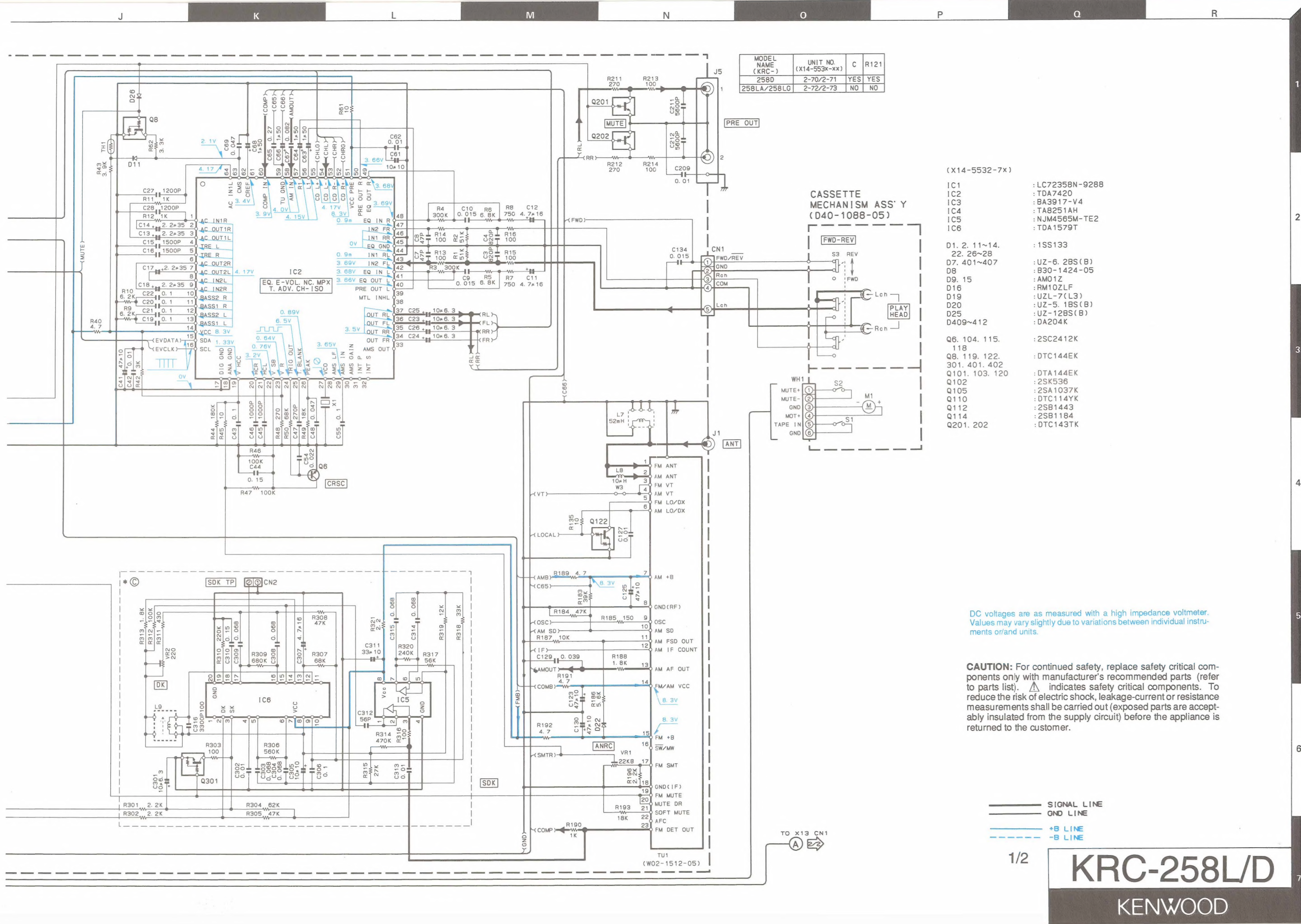
(CHL)

(CHL)

(CHL)

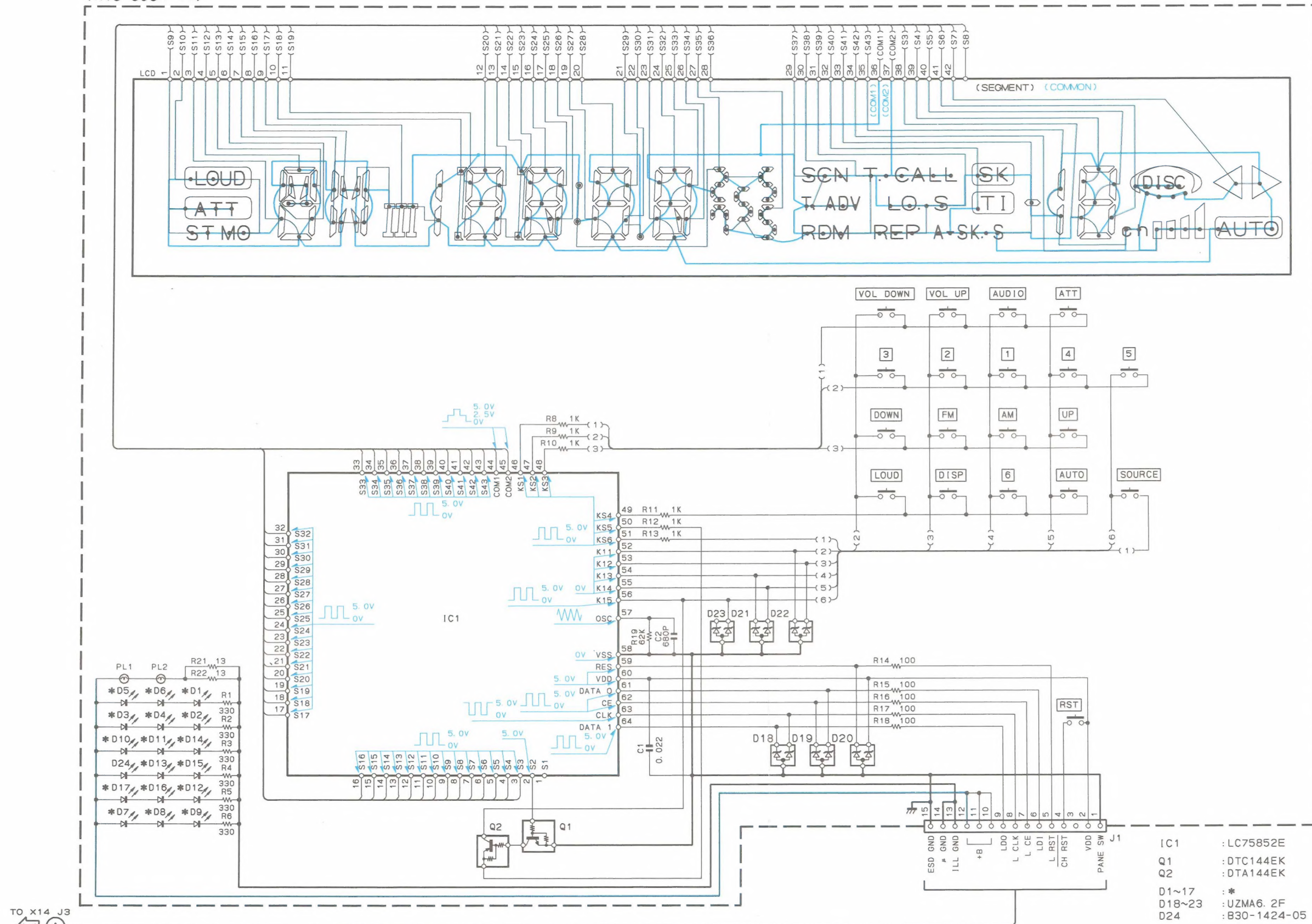
(CHL)







(X13-898x-xx)

TO X14 J3  
A

DC voltages are as measured with a high impedance voltmeter.  
Values may vary slightly due to variations between individual instruments or/and units.

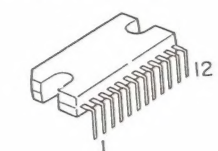
MODEL NAME (KRC-)	UNIT NO. (X13-898)	D1~17
258D/258LG	0-10	830-1395-05 (Pure Green)
258LA	2-72	830-1371-05 (Amber)

— SIGNAL LINE  
— GND LINE  
- - - +B LINE  
... -B LINE

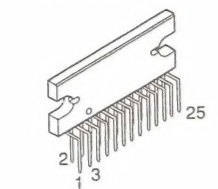
IC1 : LC75852E  
Q1 : DTC144EK  
Q2 : DTA144EK  
D1~17 : \*  
D18~23 : UZMA6. 2F  
D24 : B30-1424-05

2SA1037K  
DTA144EK  
DTC114YK  
DTC143TK  
DTC144EK  
2SC2412K

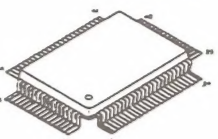
BA3917-V4



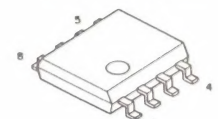
TA8251AH



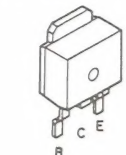
LC72358N-9288



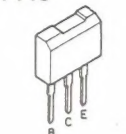
NJM4565M-TE2



2SB1184



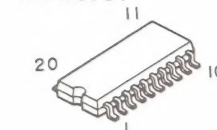
2SB1443



2SK536

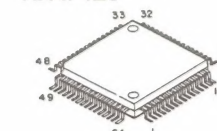


TDA1579T

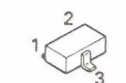


LC75852E

TDA7420



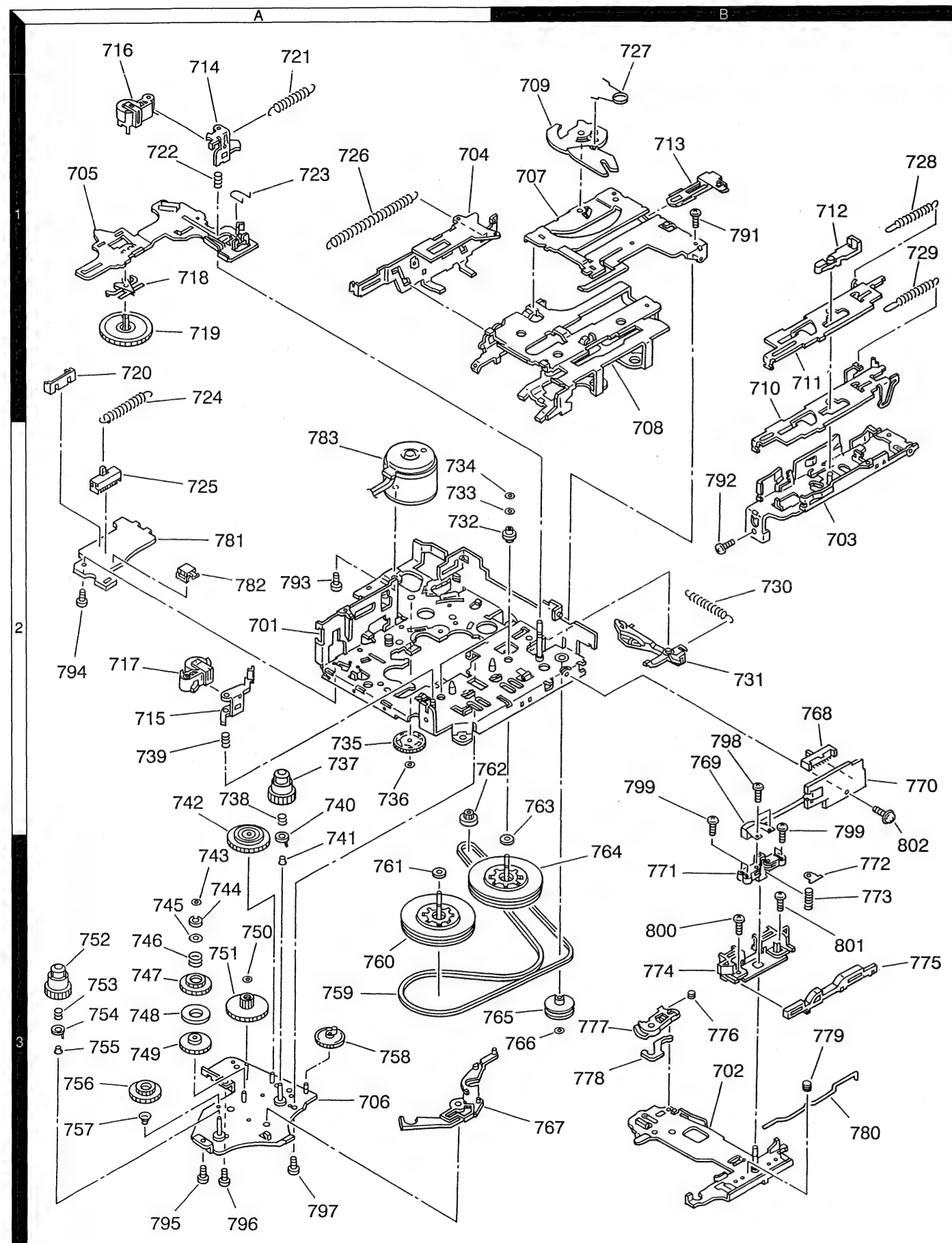
DA204K





# KRC-258L/D

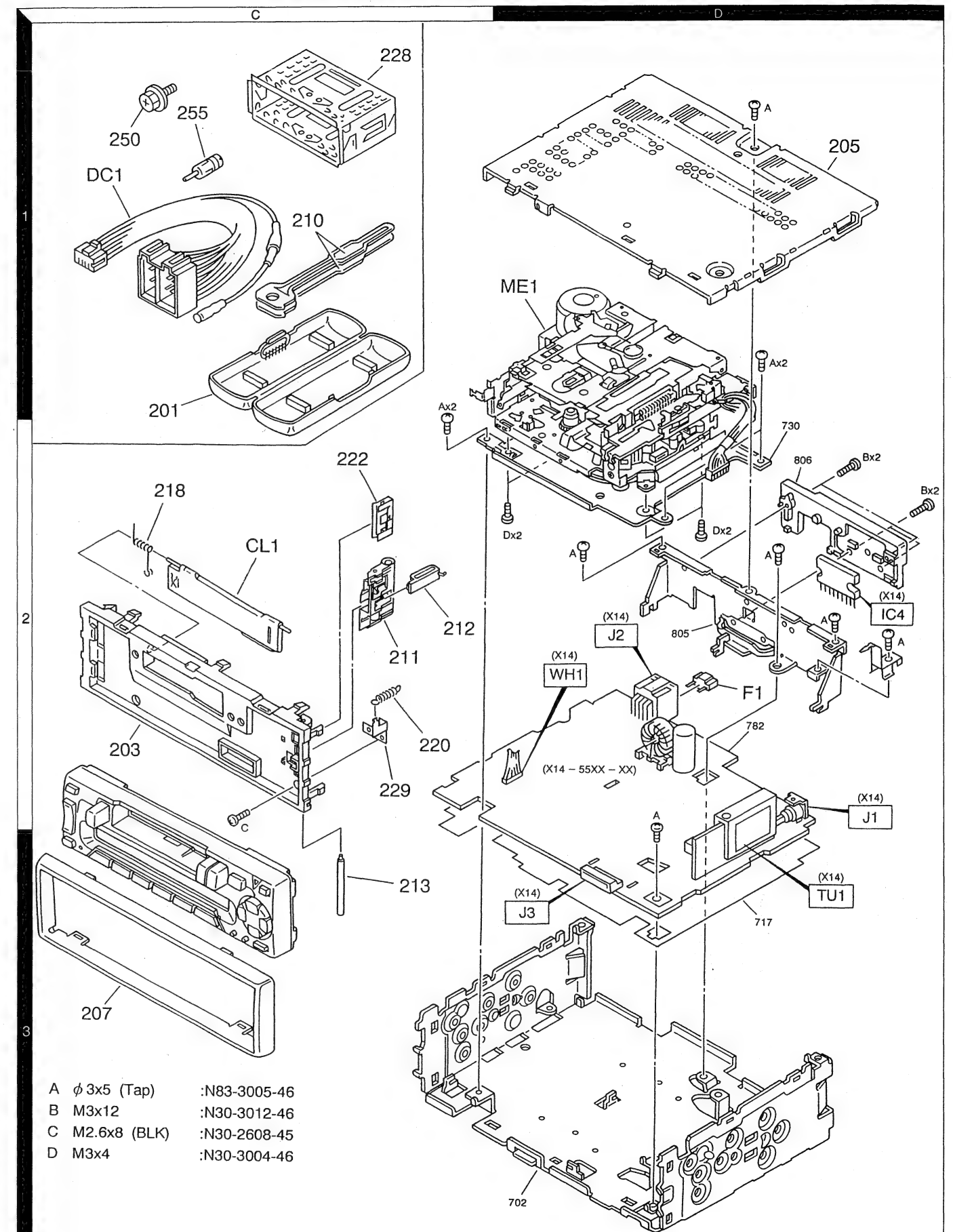
## EXPLODED VIEW (MECHANISM)



Parts with the exploded numbers larger than 700 are not supplied.

# KRC-258L/D

## EXPLODED VIEW (UNIT)

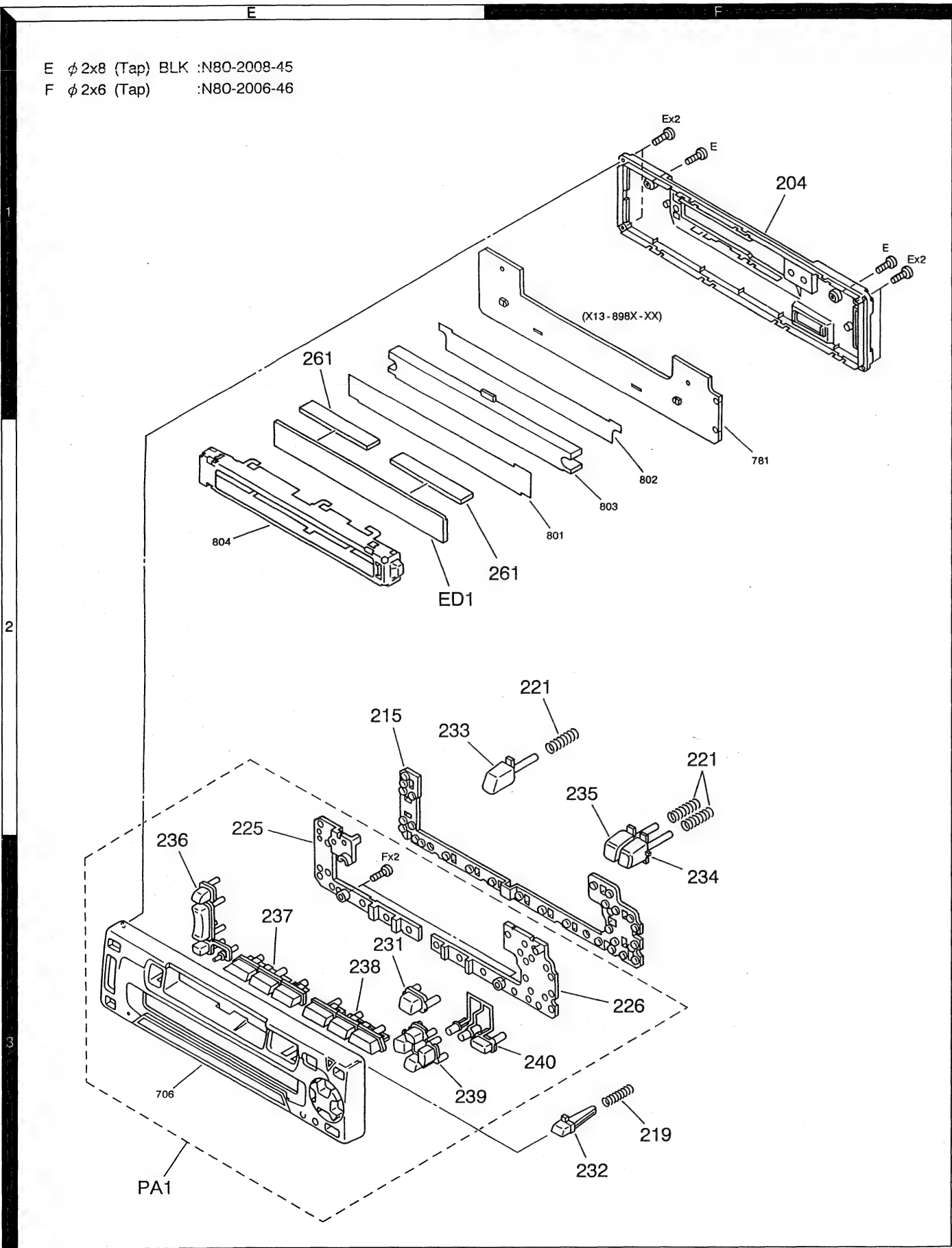


A  $\phi 3 \times 5$  (Tap) :N83-3005-46  
 B M3x12 :N30-3012-46  
 C M2.6x8 (BLK) :N30-2608-45  
 D M3x4 :N30-3004-46

Parts with the exploded numbers larger than 700 are not supplied.

# KRC-258L/D

## EXPLODED VIEW (UNIT)



# KRC-258L/D

## PARTS LIST

※ New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

Ref. No.	New Parts	Parts No.	Description	Destination
参照番号	新	部品番号	部品名/規格	仕向
KRC-258L/D				
201	1C	A02-1444-03	PLASTIC CABINET ASSY	
203	2C	A22-1278-11	SUB PANEL	
204	1F	A46-1258-01	REAR COVER	
205	1D	A52-0707-02	TOP PLATE	
CL1	2C	A53-1638-03	CASSETTE LID	
PA1	3E	A64-0878-02	PANEL ASSY (KRC-258L)	E1E4
PA1	3E	A64-0879-02	PANEL ASSY (KRC-258D)	E7
207	3C	B07-2081-02	ESCUTCHEON	
-	-	B46-0100-50	WARRANTY CARD	
-	-	B46-0182-14	ID CARD	E7
-	-	B46-0606-04	ID CARD	KM1E1
-	-	B46-0606-04	ID CARD	E4
-	-	B64-0938-00	INST.MANUAL (FRE,GER,ITA)	E1E4E7
-	-	B64-0940-00	INST.MANUAL (ENG,DUT,SPA)	E1E4
210	1C	D10-3031-04	LEVER	
211	2C	D10-4051-13	LEVER	
212	2C	D10-4052-03	LEVER	
213	3C	D21-2250-04	SHAFT	
ME1	1D	D40-1088-05	CASSETTE MECHANISM ASSY	
215	2E	E29-1515-02	CONDUCTIVE RUBBER	
DC1	1C	E30-4426-05	DC CORD	E1E4E7
F1	2D	F52-0006-05	FUSE(MINI BLADE TYPE)(10A)	
218	2C	G01-2525-04	TORSION COIL SPRING	
219	3F	G01-2738-04	COMPRESSION SPRING	
220	2C	G01-2792-04	EXTENSION SPRING	
221	2F	G01-2793-04	COMPRESSION SPRING	
222	2C	G02-1244-03	FLAT SPRING	
-	-	H10-4555-12	POLYSTYRENE FOAMED FIXTURE	
-	-	H25-0329-04	PROTECTION BAG(280X450X0.03)	KM1E7
-	-	H25-0337-04	PROTECTION BAG(180X300X0.03)	
-	-	H25-1111-04	PROTECTION BAG(280X450X0.03)	E1E4
-	*	H54-0736-04	ITEM CARTON CASE (KRC-258LA)	E1
-	*	H54-0738-04	ITEM CARTON CASE (KRC-258LG)	E4
-	*	H54-0740-04	ITEM CARTON CASE (KRC-258D)	E7
225	2E	J19-4698-02	HOLDER	
226	3F	J19-4700-02	HOLDER	
228	1C	J21-7630-33	MOUNTING HARDWARE ASSY	
229	2C	J21-7726-04	MOUNTING HARDWARE	
230	1C	J54-0606-04	STAY	KM1
231	3E	K24-1762-04	KNOB(SRC)	
232	3F	K24-1763-04	KNOB(RELEASE)	
233	2E	K24-1764-04	KNOB(EJECT)	
234	2F	K24-1765-04	KNOB(FF)	
235	2F	K24-1766-04	KNOB(REW)	
236	3E	K25-0786-03	KNOB(AUD)	
237	3E	K25-0788-03	KNOB(1,2,3)	
238	3E	K25-0789-03	KNOB(4,5,6)	
239	3E	K25-0790-03	KNOB(FM,AM)	
240	3E	K25-0791-03	KNOB(CLK)	
250	1C	N09-1885-05	SEMS (MACHINE SCREW)	E1E4E7

E1: KRC-258LA

E4: KRC-258LG

E7: KRC-258D

Ref. No.	New Parts	Parts No.	Description	Destination
参照番号	新	部品番号	部品名/規格	仕向
A	1D	N83-3005-46	PAN HEAD TAPTITE SCREW	
C	2C	N30-2608-45	PAN HEAD MACHINE SCREW	
D	2D	N30-3004-46	PAN HEAD MACHINE SCREW	
E	1F	N80-2008-45	PAN HEAD TAPTITE SCREW	
F	3E	N80-2006-46	PAN HEAD TAPTITE SCREW	
251	1C	T90-0512-05	ANTENNA ADAPTOR	E1E4E7
SWITCH UNIT (X13-898X-XX)				
D1	-17	B30-1371-05	LED (KRC-258LA)	E1
D1	-17	B30-1395-05	LED (KRC-258LG)	KM1E4
D1	-17	B30-1395-05	LED (KRC-258D)	E7
D24	-	B30-1424-05	LED	
ED1	*	B38-0667-05	LIQUID CRYSTAL	
PL1	,2	B30-1483-05	LAMP	
C1	-	CK73FB1H223KTA	CHIP C 0.022UF	K
C2	-	CK73FB1H681K	CHIP C 680PF	K
261	2E	E29-1516-04	CONDUCTIVE RUBBER	
J1	-	E59-0824-05	RECTANGULAR PLUG	
R1	-6	RK73FB2B331J	CHIP R 330	J 1/8W
R8	-13	RK73FB2A102J	CHIP R 1.0K	J 1/10W
R14	-18	RK73FB2A101J	CHIP R 100	J 1/10W
R19	-	RK73FB2A623J	CHIP R 62K	J 1/10W
R21	,22	RK73FB2B130J	CHIP R 13	J 1/8W
D18	-23	UZMA6.2F	ZENER DIODE	
IC1	-	LC75852E	MOS-IC	
Q1	-	DTC144EK	DIGITAL TRANSISTOR	
Q1	-	UN2213	DIGITAL TRANSISTOR	
Q2	-	DTA144EK	DIGITAL TRANSISTOR	
Q2	-	UN2113	DIGITAL TRANSISTOR	
SYNTHESIZER UNIT (X14-5532-7X)				
D8	-	B30-1424-05	LED	E1E4E7
C3	,4	CK73FB1H821K	CHIP C 820PF	K
C7	,8	CC73FCH1H470J	CHIP C 47PF	J
C9	,10	CK73FB1H153KTA	CHIP C 0.015UF	K
C11	,12	C90-2595-05	ELECTRO 4.7UF	16WV
C13	,14	C90-2600-05	ELECTRO 2.2UF	35WV
C15	,16	CK73FB1H152K	CHIP C 1500PF	K
C17	,18	C90-2600-05	ELECTRO 2.2UF	35WV
C19	-22	CK73FB1C104K	CHIP C 0.10UF	K
C23	-26	C90-2592-05	ELECTRO 10UF	6.3WV
C27	,28	CK73FB1H122K	CHIP C 1200PF	K
C41	-	CE04CW1A470M	ELECTRO 47UF	10WV
C42	-	CK73FB1H103K	CHIP C 0.010UF	K
C43	-	CK73FB1C104K	CHIP C 0.10UF	K
C44	-	CK73FB1C154K	CHIP C 0.15UF	K
C45	,46	CK73FB1H102K	CHIP C 1000PF	K
C47	-	CC73FCH1H271J	CHIP C 270PF	J
C48	-	CK73FB1E473KTA	CHIP C 0.047UF	K
C54	-	CK73FB1H223KTA	CHIP C 0.022UF	K
C55	-	CK73FB1C104K	CHIP C 0.10UF	K
C61	-	C90-2854-05	ELECTRO 10UF	10WV
C62	-	CK73FB1H103K	CHIP C 0.010UF	K

△ indicates safety critical components.

## PARTS LIST

\* New Parts

Parts without Parts No. are not supplied.

Les articles non mentionnés dans le Parts No. ne sont pas fournis.

Teile ohne Parts No. werden nicht geliefert.

## SYNTHESIZER UNIT (X14-5532-7X)

Ref. No. 参照番号	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕 向
C63, 64 C65 C66 C67 C68		C90-2608-05 CK73EB1E274K C90-2608-05 CK73FB1C823K C90-2608-05	ELECTRO 1.0UF 50WV CHIP C 0.27UF K ELECTRO 1.0UF 50WV CHIP C 0.082UF K ELECTRO 1.0UF 50WV	E1E4E7 E1E4E7 E1E4E7 E1E4E7 E1E4E7
C69 C71 -78 C85 -88 C90 C92		CK73FB1E473KTA CK73FB1C104K CK73FB1H821K CE04CW1A101M CK73FB1C104K	CHIP C 0.047UF K CHIP C 0.10UF K CHIP C 820PF K ELECTRO 100UF 10WV CHIP C 0.10UF K	E1E4E7 E1E4E7 E1E4E7 E1E4E7 E1E4E7
C94 C101, 102 C104 C105 C106, 107	*	C90-2608-05 CC73FCH1H220J CK73FB1H331K C91-2139-05 C93-1032-05	ELECTRO 1.0UF 50WV CHIP C 22PF J CHIP C 330PF K CHIP C 0.39UF J CERAMIC 0.10UF K	E1E4E7 E1E4E7 E1E4E7 E1E4E7 E1E4E7
C108 C109 C110 C111 C112		CK73FB1H103K CE04CW1A221M CE04CW0J221M CK73FB1H103K C90-2592-05	CHIP C 0.010UF K ELECTRO 220UF 10WV ELECTRO 220UF 6.3WV CHIP C 0.010UF K ELECTRO 10UF 6.3WV	E1E4E7 E1E4E7 E1E4E7 E1E4E7 E1E4E7
C114, 115 C116 C117, 118 C119 C120		C90-2595-05 C90-2597-05 C92-0009-05 C90-2595-05 C90-2856-05	ELECTRO 4.7UF 16WV ELECTRO 10UF 16WV CHIP-TAN 4.7UF 10WV ELECTRO 4.7UF 16WV ELECTRO 3900UF 16WV	E1E4E7 E1E4E7 E1E4E7 E1E4E7 E1E4E7
C122 C123 C125 C127 C129		CK73FB1C104K CE04DW1A470M CE04CW1A470M CK73FB1H103K CK73FB1E393KTA	CHIP C 0.10UF K ELECTRO 47UF 10WV ELECTRO 47UF 10WV CHIP C 0.010UF K CHIP C 0.039UF K	E1E4E7 E1E4E7 E1E4E7 E1E4E7 E1E4E7
C130 C131 C133 C134 C209		CE04DW1A470M CK73FB1H103K CK73FB1H103K CK73FB1H153KTA CK73FB1H103K	ELECTRO 47UF 10WV CHIP C 0.010UF K CHIP C 0.010UF K CHIP C 0.015UF K CHIP C 0.010UF K	E1E4E7 E1E4E7 E1E4E7 E1E4E7 E1E4E7
C211, 212 C301 C302 C303, 304 C305		CK73FB1H562K C90-2592-05 CK73FB1H103K C93-0026-05 C90-2594-05	CHIP C 5600PF K ELECTRO 10UF 6.3WV E7 CHIP C 0.010UF K CHIP C 0.068UF 50WV E7 ELECTRO 10UF 10WV E7	E1E4E7 E7 E7 E7 E7
C306 C307 C308, 309 C310 C311		CK73FB1C104K C90-2595-05 C91-2050-05 C93-0024-05 CE04CW1A330M	CHIP C 0.10UF K ELECTRO 4.7UF 16WV E7 CERAMIC 0.068UF Z E7 CERAMIC 0.15UF 16WV E7 ELECTRO 33UF 10WV E7	E7 E7 E7 E7 E7
C312 C313 C314, 315 C316 C401, 402		CC73FCH1H560J CK73FB1H103K C93-0026-05 CQ93AP2A332J C90-2595-05	CHIP C 56PF J CHIP C 0.010UF K CHIP C 0.068UF 50WV E7 POLYPRO 3300PF J ELECTRO 4.7UF 16WV	E7 E7 E7 E7 E1E4E7
C403, 404 C405, 406		CE04CW0J470M CK73FB1H103K	ELECTRO 47UF 6.3WV CHIP C 0.010UF K	E1E4E7 E1E4E7
CN1 CN2		E40-3240-05 E40-3640-05	PIN ASSY PIN ASSY	E1E4E7 E7

Ref. No. 参照番号	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕 向
J1 J2 J3 J4 J5		E04-0306-05 E58-0836-05 E58-0854-05 E56-0809-05 E13-0235-05	RF COAXIAL CABLE RECEPTACLE RECTANGULAR RECEPTACLE RECTANGULAR RECEPTACLE CYLINDRICAL RECEPTACLE PHONE JACK	E1E4E7 E1E4E7 E1E4E7 E1E4E7 E1E4E7
WH1		E39-0091-15	WIRING HARNESS	E1E4E7
L1 L2 L7 L8 L9	*	L33-1074-05 L40-1001-17 L33-1039-05 L40-1001-17 L39-0156-05	CHOKE COIL SMALL FIXED INDUCTOR(10UH,K) LINE FILTER COIL SMALL FIXED INDUCTOR(10UH,K) TRAP COIL	E1E4E7 E1E4E7 E1E4E7 E1E4E7 E7
L11 X1 X2 X2		L92-0308-05 L78-0545-05 L77-1163-05 L77-1165-05	FERRITE CORE RESONATOR (CSB456FB38, AN) CRYSTAL RESONATOR(4.5M) CRYSTAL RESONATOR(4.5MHZ)	E1E4E7 E1E4E7 E1E4E7 E1E4E7
A 2D B 2D G 2D		N83-3005-46 N30-3012-46 N80-3010-46	PAN HEAD TAPTITE SCREW PAN HEAD MACHINE SCREW PAN HEAD TAPTITE SCREW	E1E4E7 E1E4E7 E1E4E7
R1, 2 R3, 4 R5, 6 R7, 8 R9, 10		RK73FB2A513J RK73FB2A304J RK73FB2A682J RK73FB2A751J RK73FB2A622J	CHIP R 51K J CHIP R 300K J CHIP R 6.8K J CHIP R 750 J CHIP R 6.2K J	1/10W E1E4E7 1/10W E1E4E7 1/10W E1E4E7 1/10W E1E4E7 1/10W E1E4E7
R11, 12 R13 -16 R42 R43 R44		RK73FB2A102J RK73FB2A101J RK73FB2A302J RK73FB2A392J RK73FB2A184J	CHIP R 1.0K J CHIP R 100 J CHIP R 3.0K J CHIP R 3.9K J CHIP R 180K J	1/10W E1E4E7 1/10W E1E4E7 1/10W E1E4E7 1/10W E1E4E7 1/10W E1E4E7
R45 R46, 47 R48 R49 R50		RK73FB2A100J RK73FB2A104J RK73FB2A271J RK73FB2A183J RK73FB2A683J	CHIP R 10 J CHIP R 100K J CHIP R 270 J CHIP R 18K J CHIP R 68K J	1/10W E1E4E7 1/10W E1E4E7 1/10W E1E4E7 1/10W E1E4E7 1/10W E1E4E7
R61 R62 R71 -78 R81 -84 R85 -88		RK73FB2A100J RK73FB2A332J RK73EB2B2R2J RK73FB2A472J RK73FB2A272J	CHIP R 10 J CHIP R 3.3K J CHIP R 2.2 J CHIP R 4.7K J CHIP R 2.7K J	1/10W E1E4E7 1/10W E1E4E7 1/8W E1E4E7 1/10W E1E4E7 1/10W E1E4E7
R89 R91 R92, 93 R96 R101		RK73FB2A103J RK73FB2A153J RK73FB2A102J RK73FB2A102J RK73FB2A222J	CHIP R 10K J CHIP R 15K J CHIP R 1.0K J CHIP R 1.0K J CHIP R 2.2K J	1/10W E1E4E7 1/10W E1E4E7 1/10W E1E4E7 1/10W E1E4E7 1/10W E1E4E7
R102 R103 R104, 105 R107 R109		RK73FB2A512J RK73FB2A563J RK73FB2A472J RK73FB2A473J RK73FB2A473J	CHIP R 5.1K J CHIP R 56K J CHIP R 4.7K J CHIP R 47K J CHIP R 47K J	1/10W E1E4E7 1/10W E1E4E7 1/10W E1E4E7 1/10W E1E4E7 1/10W E1E4E7
R110 R120 R120, 121 R130 R135		RK73FB2A103J RK73FB2A103J RK73FB2A103J RK73FB2A223J RK73FB2A100J	CHIP R 10K J CHIP R 10K J CHIP R 10K J CHIP R 22K J CHIP R 10 J	1/10W E1E4E7 1/10W E1E4 1/10W E7 1/10W E1E4E7 1/10W E1E4E7

E1: KRC-258LA  
E4: KRC-258LG  
E7: KRC-258D

△ indicates safety critical components.

# KRC-258L/D

## PARTS LIST

※ New Parts

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### SYNTHESIZER UNIT (X14-5532-7X)

Ref. No. 参照番号	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕 向
R138		RK73FB2A472J	CHIP R 4.7K J 1/10W	E1E4E7
R139		RK73FB2A332J	CHIP R 3.3K J 1/10W	E1E4E7
R142		RK73FB2A102J	CHIP R 1.0K J 1/10W	E1E4E7
R144		RK73FB2A102J	CHIP R 1.0K J 1/10W	E1E4E7
R145		RK73FB2A392J	CHIP R 3.9K J 1/10W	E1E4E7
R146		RK73FB2A331J	CHIP R 330 J 1/10W	E1E4E7
R147		RK73FB2A221J	CHIP R 220 J 1/10W	E1E4E7
R150		RK73FB2A473J	CHIP R 47K J 1/10W	E1E4E7
R151		RK73FB2A273J	CHIP R 27K J 1/10W	E1E4E7
R152		RK73EB2B222J	CHIP R 2.2K J 1/8W	E1E4E7
R154		RK73EB2B102J	CHIP R 1.0K J 1/8W	E1E4E7
R156		RK73EB2B101J	CHIP R 100 J 1/8W	E1E4E7
R157, 158		RK73EB2B102J	CHIP R 1.0K J 1/8W	E1E4E7
R159		RK73EB2B101J	CHIP R 100 J 1/8W	E1E4E7
R164		RD14DB2H102J	SMALL-RD 1.0K J 1/2W	E1E4E7
R174		RK73EB2B472J	CHIP R 4.7K J 1/8W	E1E4E7
R175		RD14DB2H332J	SMALL-RD 3.3K J 1/2W	E1E4E7
R177		RK73FB2A273J	CHIP R 27K J 1/10W	E1E4E7
R183		RK73FB2A393J	CHIP R 39K J 1/10W	E1E4E7
R184		RK73FB2A473J	CHIP R 47K J 1/10W	E1E4E7
R185		RK73FB2A151J	CHIP R 150 J 1/10W	E1E4E7
R186		RK73FB2A562J	CHIP R 5.6K J 1/10W	E1E4E7
R187		RK73FB2A103J	CHIP R 10K J 1/10W	E1E4E7
R188		RK73FB2A182J	CHIP R 1.8K J 1/10W	E1E4E7
R190		RK73FB2A102J	CHIP R 1.0K J 1/10W	E1E4E7
R193		RK73FB2A183J	CHIP R 18K J 1/10W	E1E4E7
R194		RK73FB2A473J	CHIP R 47K J 1/10W	E1E4E7
R195		RK73FB2A472J	CHIP R 4.7K J 1/10W	E1E4E7
R196		RK73FB2A222J	CHIP R 2.2K J 1/10W	E1E4E7
R199		RK73FB2A472J	CHIP R 4.7K J 1/10W	E1E4E7
R211, 212		RK73FB2A271J	CHIP R 270 J 1/10W	E1E4E7
R213, 214		RK73FB2A101J	CHIP R 100 J 1/10W	E1E4E7
R301		RK73FB2A222J	CHIP R 2.2K J 1/10W	E7
R303		RK73FB2A101J	CHIP R 100 J 1/10W	E7
R304		RK73FB2A623J	CHIP R 62K J 1/10W	E7
R305		RK73FB2A473J	CHIP R 47K J 1/10W	E7
R306		RK73FB2A564J	CHIP R 560K J 1/10W	E7
R307		RK73FB2A683J	CHIP R 68K J 1/10W	E7
R308		RK73FB2A473J	CHIP R 47K J 1/10W	E7
R309		RK73FB2A684J	CHIP R 680K J 1/10W	E7
R310		RK73FB2A224J	CHIP R 220K J 1/10W	E7
R311		RK73FB2A431J	CHIP R 430 J 1/10W	E7
R312		RK73FB2A104J	CHIP R 100K J 1/10W	E7
R313		RK73FB2A182J	CHIP R 1.8K J 1/10W	E7
R314		RK73FB2A474J	CHIP R 470K J 1/10W	E7
R315		RK73FB2A273J	CHIP R 27K J 1/10W	E7
R316		RK73FB2A101J	CHIP R 100 J 1/10W	E7
R317		RK73FB2A563J	CHIP R 56K J 1/10W	E7
R318		RK73FB2A333J	CHIP R 33K J 1/10W	E7
R319		RK73FB2A123J	CHIP R 12K J 1/10W	E7
R320		RK73FB2A244J	CHIP R 240K J 1/10W	E7
R321		RK73FB2A2R2J	CHIP R 2.2 J 1/10W	E7
R401-403		RK73EB2B4R7J	CHIP R 4.7 J 1/8W	E1E4E7
R412		RK73FB2A104J	CHIP R 100K J 1/10W	E1E4E7
R414		RK73FB2A104J	CHIP R 100K J 1/10W	E1E4E7

Ref. No. 参照番号	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕 向
R415		RK73EB2B103J	CHIP R 10K J 1/8W	E1E4E7
VR1		R12-0679-05	TRIMMING POT. (22K 7t)	E1E4E7
VR2		R12-0605-05	TRIMMING POT. (220 7t)	E7
W3		R92-2052-05	CHIP R 0 J 1/10W	E1E4E7
D1 , 2		1SS133	DIODE	E1E4E7
D7		UZ-6.2BS(B)	ZENER DIODE	E1E4E7
D9		AM01Z	DIODE	E1E4E7
D9		ERA15-01	DIODE	E1E4E7
D11 -14		1SS133	DIODE	E1E4E7
D15		AM01Z	DIODE	E1E4E7
D15		ERA15-01	DIODE	E1E4E7
D16		RM10ZLF	DIODE	E1E4E7
D19		UZL-7(L3)	ZENER DIODE	E1E4E7
D20		UZ-5.1BS(B)	ZENER DIODE	E1E4E7
D22		1SS133	DIODE	E1E4E7
D25		UZ-12BS(B)	ZENER DIODE	E1E4E7
D26 -28		1SS133	DIODE	E1E4E7
D401-407		UZ-6.2BS(B)	ZENER DIODE	E1E4E7
D409-412		DA204K	DIODE	E1E4E7
IC1		LC72358N-9288	MI-COM IC	E1E4E7
IC2		TDA7420	ANALOGUE IC	E1E4E7
IC3		BA3917-V4	ANALOGUE IC	E1E4E7
IC4		TA8251AH	ANALOGUE IC	E1E4E7
IC5		NJM4565M-TE2	ANALOGUE IC	E7
IC6		TDA1579T	IC (DECODER)	E7
Q6		2SC2412K	TRANSISTOR	E1E4E7
Q8		DTC144EK	DIGITAL TRANSISTOR	E1E4E7
Q8		UN2213	DIGITAL TRANSISTOR	E1E4E7
Q101		DTA144EK	DIGITAL TRANSISTOR	E1E4E7
Q101		UN2113	DIGITAL TRANSISTOR	E1E4E7
Q102		2SK536	FET	E1E4E7
Q103		DTA144EK	DIGITAL TRANSISTOR	E1E4E7
Q103		UN2113	DIGITAL TRANSISTOR	E1E4E7
Q104		2SC2412K	TRANSISTOR	E1E4E7
Q105		2SA1037K	TRANSISTOR	E1E4E7
Q110		DTC114YK	DIGITAL TRANSISTOR	E1E4E7
Q110		UN2214	DIGITAL TRANSISTOR	E1E4E7
Q112		2SB1443	TRANSISTOR	E1E4E7
Q114		2SB1184	TRANSISTOR	E1E4E7
Q115		2SC2412K	TRANSISTOR	E1E4E7
Q118		2SC2412K	TRANSISTOR	E1E4E7
Q119		DTC144EK	DIGITAL TRANSISTOR	E1E4E7
Q119		UN2213	DIGITAL TRANSISTOR	E1E4E7
Q120		DTA144EK	DIGITAL TRANSISTOR	E1E4E7
Q120		UN2113	DIGITAL TRANSISTOR	E1E4E7
Q122		DTC144EK	DIGITAL TRANSISTOR	E1E4E7
Q122		UN2213	DIGITAL TRANSISTOR	E1E4E7
Q201, 202		DTC143TK	DIGITAL TRANSISTOR	E1E4E7
Q201, 202		UN2216	DIGITAL TRANSISTOR	E1E4E7
Q301		DTC144EK	DIGITAL TRANSISTOR	E7
Q301		UN2213	DIGITAL TRANSISTOR	E7
Q401, 402		DTC144EK	DIGITAL TRANSISTOR	E1E4E7
Q401, 402		UN2213	DIGITAL TRANSISTOR	E1E4E7
TH1		NT732ATD33KJ	THERMISTOR	E1E4E7

E1: KRC-258LA  
E4: KRC-258LG  
E7: KRC-258D

△ indicates safety critical components.



## PARTS LIST

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SYNTHESIZER UNIT (X14-5532-7X)

Ref. No. 参照番号	New Parts 新	Parts No. 部品番号	Description 部品名 / 規格	Desti- nation 仕 向
TU1 3D		W02-1512-05	FM/AM FRONT-END	E1E4E7

E1: KRC-258LA  
E4: KRC-258LG  
E7: KRC-258D

 indicates safety critical components.

# KRC-258L/D

## SPECIFICATIONS

### [FM]

Frequency Range (Frequency step) ..87.5MHz ~ 108.0MHz (50kHz)  
Usable Sensitivity S/N : 26dB.....0.7 $\mu$ V/75 $\Omega$   
Quieting Sensitivity S/N : 46dB .....1.6 $\mu$ V/75 $\Omega$   
Frequency Response ( $\pm$ 3.0dB) ..... 30Hz ~ 15kHz  
S/N ..... 68dB (MONO)  
Selectivity .....  $\geq$ 80dB ( $\pm$ 400kHz)  
ST. Separation ..... 35dB (1kHz)

### [MW]

Frequency Range (Frequency step).. 531kHz ~ 1611kHz (9kHz)  
Usable Sensitivity S/N : 20dB.....30 $\mu$ V

### [LW]

Frequency Range (Frequency step)..... 153kHz ~ 281kHz  
Usable Sensitivity S/N : 20dB.....45 $\mu$ V

### [CASSETTE DECK]

Tape Speed.....4.76cm/sec.  
Wow/Flutter (WRMS) ..... 0.12% (WRMS)  
Frequency Response ( $\pm$ 3.0dB) ..... 30kHz ~ 14kHz (120 $\mu$ s)  
Separation.....40dB (1kHz)  
S/N (dB).....54dB

[Preout Level (mV)/Load] ..... 1800mV/10k $\Omega$   
[Preout Impedance] .....  $\leq$ 600 $\Omega$

### [AMP]

Maximum Power .....25W x 4  
Full Bandwidth Power ..... 18W x 4 (as less than 1% THD)

### [TONE]

Bass.....100Hz  $\pm$ 10dB  
Treble.....10kHz  $\pm$ 10dB

### [GENERAL]

Operating Voltage (11 ~ 16V allowable) ..... 14.4V  
Current Consumption.....7.5A (at rated power)  
Installation Size (W x H x D)..... 182 x 53 x 154 (mm)  
7-3/16 x 2-1/16 x 6-1/16 (inch)  
Weight.....3.1lbs (1.4kg)

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**KENWOOD** follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

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